

FORM PTO-1449		Department of Commerce Patent and Trademark Office	Atty. Docket No. P23704	Application No. 10/646,859
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant Hiroshi NOMURA		
		Filing Date August 25, 2003	Group 2851	

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT & TRADEMARK OFFICE	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4 9 3 7 6 0 9	06/26/90	WAKABAYASI et al.			
		4 9 7 4 9 4 9	12/04/90	TANAKA			
		5 0 9 9 2 6 3	03/24/92	MATSUMOTO et al.			
		5 2 1 0 6 4 4	05/11/93	NOMURA			
		5 3 7 6 9 8 3	12/27/94	YAMAZAKI et al.			
		5 6 3 6 0 6 2	06/03/97	OKUYAMA et al.			
		5 8 7 0 2 3 2	02/09/99	TSUJI et al.			
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		6 6 1 1 6 6 3	08/26/03	NAKAGAWA			
		6 7 1 1 3 4 9	03/23/04	DIRISIO			
		6 7 5 7 4 8 9	06/29/04	NOMURA et al.			
2001/		0 0 1 7 7 3 8	08/30/01	NOMURA et al.			
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2003/		0 0 0 7 7 9 6	01/09/03	NOMURA et al.			
		6 6 6 5 1 2 9	12/16/03	NOMURA et al.			
2003/		0 1 5 6 8 3 2	08/21/03	NOMURA et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1	An English language translation of Japanese Laid-Open Patent Publication No. 2002-277719, which was published on September 25, 2002.
	2	Pentax Press News, "Pentax Optio S", February 4, 2003, together with an English language translation of the same.
	3	Digital CAPA March 2003, which was publicly released on February 20, 2003, together with an English language translation of the same.
	4	Pentax News Release, "A High-Quality Zoom Lens Digital Camera so Small that it Fits into a Tin of Altoids", January 8, 2003.

EXAMINER

*D. Graw*DATE CONSIDERED *04-14-2005*

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<i>(initials)</i>		5	0	8	6	3	1	2	02/04/92	TANAKA et al.			
		5	7	6	5	0	4	9	06/09/98	HASE et al.			
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		4	9	5	2	9	5	5	08/28/90	IWATA et al.			
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		5	7	1	5	4	8	2	02/03/98	WAKABAYASHI et al.			
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EXAMINER INITIAL		DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
<i>(initials)</i>	2003	-	1	4	9	7	2	3	05/21/03	JAPAN		X	
		0	5	9	8	7	0	3	05/25/94	E.P.O.			
		9	-	1	5	6	8	2	01/17/97	JAPAN			
		0	8	1	0	4	6	6	03/12/97	E.P.O.			
		3	3	1	7	9	9	9	11/24/83	GERMANY			
		1	9	6	2	3	0	6	12/11/97	GERMANY			
		8	-	3	1	3	7	9	0	11/29/96	JAPAN		
		6	-	2	3	0	2	6	3	08/19/94	JAPAN		
		10	-	2	5	4	0	5	4	09/25/98	JAPAN		
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<i>(initials)</i>		5	English Language Abstract of JP 9-15682.										
		6	English Language Abstract of JP 8-313790.										
		7	English Language Abstract of JP 6-230263.										
		8	English Language Abstract of JP 10-254054.										
		9	English Language Abstract of JP 2003-149723.										
EXAMINER	<i>D. Gray</i>	DATE CONSIDERED <i>04-14-2005</i>											
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		4	8	4	1	3	2	3					
		2004 / 0 0 4 2 0 9 2	03/04/04	MINORU et al.									
		2004 / 0 1 4 1 7 3 5	07/22/04	NOMURA									
		2004 / 0 0 6 2 5 3 6	04/01/04	NOMURA									
		2004 / 0 0 4 2 7 7 6	03/04/04	NOMURA									
		6 1 8 5 3 7 5	02/06/01	KAZUO									
		5 7 1 5 4 8 2	02/03/98	WAKABAYASHI et al.									
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		DOCUMENT NUMBER							DATE	COUNTRY	CLAS	SUBCLASS	TRANSLATION YES NO
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	2000	- 0 2 3 0 0 2	01/21/00	JAPAN									
	6	- 3 0 8 5 9 2	11/04/94	JAPAN									
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	7	- 2 9 5 0 5 0	11/10/95	JAPAN									
	9	- 0 0 5 8 4 9	01/10/97	JAPAN									
	61	- 1 3 3 9 3 3	06/21/86	JAPAN									
	2003	- 1 1 4 4 7 3	04/18/03	JAPAN									
	2004	- 2 5 7 5 5 5	09/16/04	JAPAN									
		2 3 9 4 7 8 7	05/05/04	UNITED KINGDOM									
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)													
			1	English language Abstract of JP 2000-023002.									
			2	English language Abstract of JP 6-308592.									
			3	English language Abstract of JP 7-199019.									
			4	English language Abstract of JP 5-313226.									
			5	English language Abstract of JP 7-295050.									
			6	English language Abstract of JP 9-005849.									
			7	English language Abstract of JP 61-133933.									
			8	English language Abstract of JP 2003-114473.									
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